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ABSTRACT:

A communications system and device in which wireless data devices designed for
10 communications over a packet switching network such as the Internet, and wireless
telephony devices designed for communications over a telephone network, may roam
among various networks of each type of technology. If a wireless telephony device
roams to an area covered by the packet switching network, it converts protocols to
operate as a data device. If a wireless data device roams to a telephony network, it also
15 changes mode. Means are provided to inform the home network of the wireless data
device or cell phone that the device or cell phone has roamed onto a different type of
network.

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